



CSIR-North East Institute of Science and Technology

Aspects of Faecal Sludge Management & Bioformulation Utilisation in FSTPs & the Indian Himalayan Region

About the Event:

This workshop will address faecal sludge management and the application of bioformulation in treatment processes, with particular relevance to the distinctive challenges of the Indian Himalayan Region.

Participants will examine key dimensions of faecal sludge treatment and the incorporation of bioformulation within treatment plants, acquiring applied insights informed by regional considerations.

Distinguished speakers, established experts in their respective fields, will present authoritative lectures encompassing not only fundamental aspects such as faecal sludge characteristics, management methodologies, resolution of principal challenges, bioformulation development, and implementation protocols (encompassing procedural details and appropriate application phases), but also overarching concerns, including integrated waste management frameworks, public health priorities, and sanitation infrastructure in the Indian Himalayan context.

These presentations will conclude with facilitated discussions, enabling participants to interact with speakers and explore emerging perspectives and strategies.

The programme will culminate in a practical training session, wherein participants will conduct hands-on assessments of standard operational parameters in a faecal sludge treatment plant.

One-Day Workshop & Hands-on Training Organised by **CSIR-NEIST**, Jorhat & Funded by **MoEFCC (NMHS)**

Grant No.: NMHS2024-25/SC-XIII/MG/SL-07



PATRON
Dr. Virendra M. Tiwari
Director, CSIR NEIST

GUEST OF HONOR
Dr. S. Venkata Mohan
Director, CSIR NEERI



Key Takeaways

- ✓ Understand faecal sludge basics and Himalayan challenges
- ✓ Insight into bioformulation development for efficient FSTP treatment
- ✓ Build resilient sanitation and waste systems
- ✓ Networking via expert discussions on innovations
- ✓ Hands-on session on key parameter assessment of FSTP plant

📅 10th January 2026

🕒 9:00 to 17:30

📍 CSIR-North East Institute of Science & Technology

🌐 www.neist.res.in

NO REGISTRATION FEE

REFRESHMENTS AND FOOD INCLUDED

LIMITED SLOTS AVAILABLE

About CSIR-NEIST

CSIR-North East Institute of Science and Technology (CSIR-NEIST), Jorhat, Assam, is a premier multidisciplinary research institute under the Council of Scientific and Industrial Research, dedicated to the development of need-based technologies for the North Eastern Region and the nation. Established in 1961, the institute focuses on transforming the region's rich natural resources such as petroleum, natural gas, minerals, tea, and aromatic and medicinal plants—into sustainable technological solutions for industry and society. With state-of-the-art laboratories and expertise spanning agrotechnology, microbiology, molecular biology, materials and chemical sciences, and data-driven technologies, CSIR-NEIST nurtures innovation, entrepreneurship, and skill development. The institute actively partners with industries, startups, and community stakeholders to deliver technologies that generate employment, support rural development, and improve quality of life across the North East.



Hands-on Approach

- Characterisation of faecal sludge such as pH, temperature, total dissolved solids, etc.
- Enumeration of faecal and total coliforms by MPN method
- Examination of COD and BOD



Resource Persons



Shri Narendra Shah, IAS

Director of Employment & Craftsmen Training, Managing Director of AIIDC and Mission Director of Assam State Bamboo Mission



Prof. Ajay Kalamdhad

Department of Civil Engineering., IIT Guwahati



Javed Saikia

Co-Founder, Resolin Tech Pvt. Ltd



Our Team

GENERAL CHAIR

Dr. Ratul Saikia
Chief Scientist, HOD/PL, BSTD

CONVENER

Dr. Sachin Ramesh Rao Geed
Senior Scientist, BSTD

CO-CONVENER

Dr. Jitendra Singh Verma, Senior Scientist, CSTD
Dr. Ashutosh Namdeo, Principal Scientist, CSTD
Er. Dhanjit Das, Senior Scientist, ESTD

CO-ORDINATORS

Mrs. Palakshi Bordoloi, Technical Officer, BSTD
Dr. Jayeeta Hazarika, Women Scientist, BSTD
Dr. Heena Kauser, DBT-RA-II, BSTD

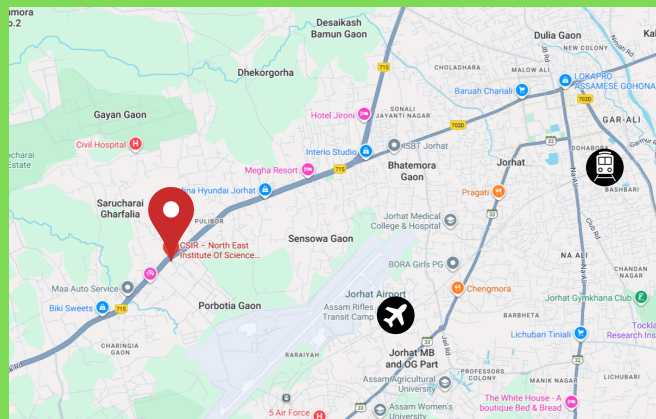
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Bitupan Deka

Reach Us



Who can apply?

Participation is in limited numbers and open to students (UG/PG), research scholars, government officials, scientists, FSTP operators, municipality workers, and others.

Registration



<https://forms.gle/FJGBfTUex346BNFW9>

Scan the QR code or click the link to fill-up the Google Form and register with us.

There is no registration fee incurred. Participants can register free-of-cost.

As limited slots are available, interested individuals are requested to register at the earliest.

For further enquiries, contact:
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